2008 Joint NSLS/CFN Users' Meeting Poster Session
May 19-21, 2008

Author Presentations and Poster Contest (May 19, 2008):
Odd-Numbered Posters: 6:00 – 7:00 pm Even-Numbered Posters: 7:00 – 8:00 pm

	Presenting Author (*student/postdoc)	Affiliation	Poster Title	Field	Beam-line	E-mail
1	Lina Nakhimovsky	Farmingdale College and Stony Brook University	Hypochromy in Orthorhombic Organic Crystals	Chemical Sciences	U11	linanakh@yahoo.com
2	Sanjaya D. Senanayake*	Oak Ridge National Laboratory	Chemisorption and Reaction of Fundamental [C,O]-Containing Molecules on CeO_2 Surfaces	Chemical Sciences	U12A	senanayakesd@ornl.gov
3	A. F. Isakovic*	BNL-NSLS	Infrared Reflectance Measurements on Layered and Chained Density Wave Compounds	Condensed Matter Physics	U12IR	isakovic@bnl.gov
4	Jun-Sik Lee*	BNL-NSLS	Origin of the Anomalous Lande *g*-Factor Problem in Spin Transfer System	Condensed Matter Physics	U5UA	jslee@bnl.gov
5	Haiding Mo*	BNL-NSLS	X-ray Scattering Study of Field-Induced Multiferroics $GDFe_3(BO_3)_4$	Condensed Matter Physics	X22C	hmo@bnl.gov
6	Sue Wirick	Stony Brook University	Organic Matter Associated with Iron Sulfide from Comet Wild 2 and an Interplanetary Dust Particle: Evidence for the Survival of Aliphatic Material Exposed to High Temperature	Geology and Environmental Sciences	X1A1	swirick@bnl.gov
7	Quanzhong Guo	Stony Brook University	The Monochromator with 4 Asymmetric Laue Crystals at the Beam Line X17B3	Geology and Environmental Sciences	X17B3	qguo@bnl.gov
8	Randy Smith	BNL - NSLS	X-ray Fluorescence Microprobe Imaging and Spectromicroscopy at Beamline X27A	Instrumentation	X27A	rsmith@bnl.gov
9	Qing Qian	NJ-XRSTECH Company	Mini-Spectrometer for XAFS	Instrumentation	None	qqian@xrstech.com
10	Syed Khalid	BNL-NSLS	Modified Version of QEXAFS Instrumentation at X18B	Instrumentation	X18B	khalid@bnl.gov
11	A. F. Isakovic*	BNL-NSLS	Design, Nanofabrication and Testing of Novel Materials for Hard X-ray Optics	Instrumentation	X13B	isakovic@bnl.gov
12	Lin Yang	BNL-NSLS	X-ray Scattering Studies of Soft and Biomolecular Materials at X21	Materials Science	X21	lyang@bnl.gov

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13	Giuseppe Camarda	BNL-NND	Investigation of the Non-Uniformity in the Gamma-Ray Response of CdZnTe Detectors	Materials Science	X27B	giuseppec@bnl.gov
14	Sharadha Sambasivan	Suffolk Community College	Effect of Water Immersion and Surface Compositional Profile of Photoacid Generator Molecules in Photoresist Materials	Materials Science	U7A	sambass@sunysuffolk.edu
15	Benjawan Kjornrattanawanich	Universities Space Research Association	Si/Gd Multilayers with High Normal-Incidence Reflectance and Narrow Spectral Bandpass for Solar Imaging at 63 nm Wavelength	Materials Science	X24C	benjawan@bnl.gov
16	Yi Ding*	BNL-CMPMSD	Surface Ferromagnetism in FeRh Thin Films Grown by MBE	Materials Science	U4B	yding@bnl.gov
17	Cherno Jaye*	NIST	Surface Architecture and Chemistry of Pt-Ru Thin Film Alloys	Materials Science	U7A	cjaye@bnl.gov
18	Christopher Y. Chow*	Stony Brook University	Synthesis of GaN Nanostructures at Low Temperatures by Chemical Vapor Deposition	Materials Science	X19C	cychow@ic.sunysb.edu
19	Ning Zhang*	Stony Brook University	Quantitative Strain Mapping of Silicon Carbide Wafer by Synchrotron White Beam X-ray Reticulography	Materials Science	X19C	nizhang@ic.sunysb.edu
20	Hui Chen*	Stony Brook University	Growth Mechanisms of $B_{12}As_2$ on M-Plane 6H-SiC and m-plane 15R-SiC	Materials Science	X19C	Huichen@ic.sunysb.edu
21	Lan Zhou*	University of Vermont	Surface Roughness Evolution During Sputter Deposition of WSi_2 Amorphous Films	Materials Science	X21	lan.zhou@uvm.edu
22	Srinija Repalle*	Florida International University	Study of Multiwall Carbon Nanotube at High Pressure and Temperature	Materials Science	X17C	srepa001@fiu.edu
23	Lan Zhou*	University of Vermont	Ge(001) MBE Homoepitaxy Growth Observed by Real-time X-ray Scattering	Materials Science	X21	lan.zhou@uvm.edu
24	Babu Manjasetty	Case Western Reserve University	Biomolecular Structure and Function: MX beamline X3A	Life Sciences	X3A	babu@bnl.gov
25	Michael Sullivan	Case Western Reserve University	Installation and Testing of a Focusing Mirror at Beamline X28C for High Flux X-ray Radiolysis of Biological Macromolecules	Life Sciences	X28C	msullivan@bnl.gov

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26	Wuxian Shi and Sandeep Rekhi	Case Western Reserve University	Metalloproteomics – High Throughput Metal Analysis of Proteins	Life Sciences	X3B	wushi@bnl.gov
27	Sayan Gupta	Case Western Reserve University	X-ray Footprinting at Beamline X28C	Life Sciences	X28C	sayan@bnl.gov
28	Rhijuta D'Mello*	Case Western Reserve University	Structural Probing of Snap-Freeze Protein Samples by Synchrotron Footprinting: Radiation Damage at Work!	Life Sciences	X28C	rhijuta.dmello@case.edu
29	Jen Bohon*	Case Center for Synchrotron Biosciences	Synchrotron Footprinting Studies of Oligomerization and Gating in the ClpAP Protease	Life Sciences	X28C	jbohon@bnl.gov
30	Imke Bodendiek*	BNL-NSLS	FTIR imaging of Protein Secondary Structure with Neural Networks	Life Sciences	U10B	bodendiek@bnl.gov
31	Dean Connor*	BNL-NSLS	Diffraction Enhanced Imaging Research at X15A	Life Sciences	X15A	connord@bnl.gov
32	Yizhi Meng*	Stony Brook University	Understanding the Self-Assembly of Bone Extracellular Matrix	Life Sciences	X6B	ymeng@sunysb.edu
33	Alvin Acerbo*	Stony Brook University	Improving Contrast and Resolution of Focal Plane Array equipped FTIR Microspectroscopy Using Point Spread Function Deconvolution	Life Sciences	U10B	aacerbo@gmail.com
34	Meghan Ruppel*	Stony Brook University	Compositional Changes Observed In Calcified Cartilage and Subchondral Bone in a Monkey Model of Osteoarthritis	Life Sciences	U10B	ruppel@bnl.gov
35	Megan Bourassa*	Stony Brook University	Developing an Incubator for Real Time Infrared Imaging of Living Cells	Life Sciences	U10B	bourassa@bnl.gov
36	Andreana Leskovjan*	Stony Brook University	Zinc, Iron, and Copper Distribution in Mouse Hippocampus During the Progression of Alzheimer's Disease	Life Sciences	U10B	leskovjan@bnl.gov
37	Kimone Antoine*	John Jay College of Criminal Justice	Why Do Children's Fingerprints Disappear Faster Than Adults'?	Life Sciences	U10B	socarella@yahoo.com
38	Gulgun Cakmak*	Middle East Technical University	The Molecular Effects of Radioprotectant Amifostine on Irradiated Rat Brain Tissues	Life Sciences	U10B	gulguncakmak@yahoo.com
39	Matthew Engel*	Stony Brook University	Biophysical Characterization of an N-Terminal Domain of Hepatitis C Core Protein Involved in Viral Assembly	Life Sciences	X6A	matthewaengel@gmail.com

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40	Katherine E. Cano*	George Mason University	SXRF Analysis of Human Retinal Tissue in Age-Related Macular Degeneration	Life Sciences	X27A	aristaea@gmail.com
41	Elena Stolyarova*	Columbia University	Graphene: A One Atom Thick Membrane	Nanoscience	None	eyp2102@columbia.edu
42	Yan Zhang*	Stony Brook University	Definition of Electrodes on Nanostructures by Electron/Ion Beam Lithography	Nanoscience	None	yazhang@ic.sunysb.edu
43	Shidan Yu*	Carnegie Institution of Washington	High Pressure Infrared and X-ray Studies of Nanoscale and Bulk Boron Nitrides	Nanoscience	U2A	ysdvinson@hotmail.com